

Substitute for form 1449A/PTO
SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Application Number	09/500,755
Filing Date	02/08/2000
First Named Inventor	Mehdi Asnaashari
Group Art Unit	2851
Examiner Name	Bennett, Maya
Attorney Docket Number	38979-0071US

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5/4/04

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Examiner Signature	<i>Don T. Wilber</i>	Date Considered	5/4/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

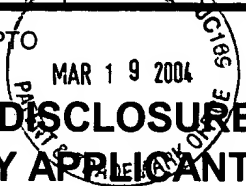
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO <div style="text-align: center;">  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) </div>			Complete if Known	
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			Group Art Unit	2851
			Examiner Name	Unknown
			Attorney Docket Number	38979-71US
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U.S. PATENT DOCUMENTS						
		U.S. Patent Document			Date of Publication of	Pages, Columns, Lines,
JTW	A1	2003/0033471	A1	J.C. Patents, Inc.	02/13/2003	
JTW	A2	6,411,546	B1	Lexar Media, Inc.	06/05/2002	
JTW	A3	6,397,314	B1	Lexar Media, Inc.	05/28/2002	
JTW	A4	6,393,513	B2	Lexar Media, Inc.	05/21/2002	
JTW	A5	6,374,337	B1	Lexar Media, Inc.	04/16/2002	
JTW	A6	6,279,114	B1	SanDisk Corporation	08/21/2001	
JTW	A7	6,279,069	B1	Intel Corporation	08/21/2001	
JTW	A8	6,272,610	B1	Hitachi, Ltd.	08/07/2001	
JTW	A9	6,262,918	B1	Lexar Media, Inc.	07/17/2001	
JTW	A10	6,230,234	B1	Lexar Media, Inc.	05/08/2001	
JTW	A11	6,226,708	B1	Texas Instruments Incorporated	05/01/2001	
JTW	A12	6,223,308	B1	Lexar Media, Inc.	04/24/2001	
JTW	A13	6,202,138	B1	Lexar Media, Inc.	03/13/2000	
JTW	A14	6,182,162	B1	Lexar Media, Inc.	01/30/2001	
JTW	A15	6,181,118	B1	Analog Devices, Inc.	01/30/2001	
JTW	A16	6,173,362	B1	Kabushiki Kaisha Toshiba	01/09/2001	
JTW	A17	6,151,247		Lexar Media, Inc.	11/21/2000	
JTW	A18	6,145,051		Lexar Media, Inc.	11/07/2000	
JTW	A19	6,141,249		Lexar Media, Inc.	10/31/2000	
JTW	A20	6,134,151		Lexar Media, Inc.	10/17/2000	
JTW	A21	6,134,145		SanDisk Corporation	10/17/2000	
JTW	A22	6,128,695		Lexar, Media, Inc.	10/03/2000	
JTW	A23	6,125,435		Lexar Media, Inc.	09/26/2000	
JTW	A24	6,125,424		Fujitsu Limited	09/26/2000	
JTW	A25	6,122,195		Lexar Media, Inc.	09/19/2000	
JTW	A26	6,115,785		Lexar Media, Inc.	09/05/2000	
JTW	A27	6,097,666		Kabushiki Kaisha Toshiba	08/01/2000	
JTW	A28	6,081,878		Lexar Media, Inc.	06/27/2000	
JTW	A29	6,081,447		Western Digital Corporation; Sandisk Corporation	06/27/2000	
JTW	A30	6,072,796		Avid Technology, Inc.	06/06/2000	
JTW	A31	6,055,188		Kabushiki Kaisha Toshiba	04/25/2000	
JTW	A32	6,055,184		Texas Instruments Incorporated	04/25/2000	
JTW	A33	6,047,352		Micron Technology, Inc.	04/04/2000	
JTW	A34	6,040,997		Lexar Media, Inc.	03/21/2000	
JTW	A35	6,035,357		Kabushiki Kaisha Toshiba	03/07/2000	
JTW	A36	6,034,897		Lexar Media, Inc.	03/07/2000	
JTW	A37	6,026,027		Norand Corporation	02/15/2000	
JTW	A38	6,026,020		Hitachi Ltd.; Hitachi VLSI Engineering Corp.	02/15/2000	
JTW	A39	6,021,408		Veritas Software Corp.	02/01/2000	
JTW	A40	6,011,323		International Business Machines Corporation	01/04/2000	
JTW	A41	6,011,322		Sony Corporation; Sony Trans Com, Inc.	01/04/2000	
JTW	A42	5,991,849		Sanyo Electric Co., Ltd.	11/23/1999	
JTW	A43	5,987,573		Tokyo Electron Limited	11/16/1999	

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First Named Inventor	Mehdi Asnaashari
Group Art Unit	2851
Examiner Name	Unknown
Attorney Docket Number	38979-71US

Sheet	2	of	6
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JTW	A44	5,987,563		Fujitsu Limited	11/16/1999	
JTW	A45	5,986,933		Kabushiki Kaisha Toshiba	11/16/1999	
JTW	A46	5,966,727		Dux Inc.	10/12/1999	
JTW	A47	5,959,926		Dallas Semiconductor Corp.	09/28/1999	
JTW	A48	5,956,473		Macronix International Co., Ltd.	09/21/1999	
JTW	A49	5,953,737		Lexar Media, Inc.	09/14/1999	
JTW	A50	5,937,425		M-Systems Flash Disk Pioneers, Ltd.	08/10/1999	
JTW	A51	5,936,971		SanDisk Corporation	08/10/1999	
JTW	A52	5,933,846		NEC Corporation	08/03/1999	
JTW	A53	5,933,368		Macronix International Co., Ltd.	08/03/1999	
JTW	A54	5,930,815		Lexar Media, Inc.	07/27/1999	
JTW	A55	5,928,370		Lexar Media, Inc.	07/27/1999	
JTW	A56	5,920,884		Hyundai Electronics America, Inc.	07/06/1999	
JTW	A57	5,909,586		The Foxboro Company	06/01/1999	
JTW	A58	5,907,856		Lexar Media, Inc.	05/25/1999	
JTW	A59	5,901,086		Motorola, Inc.	05/04/1999	
JTW	A60	5,890,192		SanDisk Corporation	03/30/1999	
JTW	A61	5,862,099		Integrated Silicon Solution, Inc.	01/19/1999	
JTW	A62	5,860,124		Intel Corporation	01/12/1999	
JTW	A63	5,860,083		Kabushiki Kaisha Toshiba	01/12/1999	
JTW	A64	5,847,552		Dell USA, L.P.	12/08/1998	
JTW	A65	5,845,313		Lexar Media, Inc.	12/01/1998	
JTW	A66	5,835,935		Lexar Media, Inc.	11/10/1998	
JTW	A67	5,831,929		Micron Technology, Inc.	11/03/1998	
JTW	A68	5,822,781		Intel Corporation	10/13/1998	
JTW	A69	5,822,252		Aplus Integrated Circuits, Inc.	10/13/1998	
JTW	A70	5,822,245		Atmel Corporation	01/13/1998	
JTW	A71	5,818,781		Lexar Media, Inc.	10/06/1998	
JTW	A72	5,809,560		Compaq Computer Corporation	09/15/1998	
JTW	A73	5,809,558		Intel Corporation	09/15/1998	
JTW	A74	5,809,515		Hitachi, Ltd.	09/15/1998	
JTW	A75	5,802,551		Fujitsu Limited	09/01/1998	
JTW	A76	5,799,168		M-Systems Flash Disk Pioneers, Ltd.	08/25/1998	
JTW	A77	5,787,484		Micron Technology, Inc.	07/28/1998	
JTW	A78	5,787,445		Norris Communications Corporation	07/28/1998	
JTW	A79	5,781,478		Kabushiki Kaisha Toshiba	07/14/1998	
JTW	A80	5,773,901		Edward A. Kantner	06/30/1998	
JTW	A81	5,768,195		Kabushiki Kaisha Toshiba	06/16/1998	
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JTW	A83	5,761,117		Sanyo Electric Co., Ltd.	06/02/1998	
JTW	A84	5,758,100		Sun Microsystems, Inc.	05/26/1998	
JTW	A85	5,757,712		International Business Machines Corporation	05/26/1998	
JTW	A86	5,754,567		Micron Quantum Devices, Inc.	05/19/1998	
JTW	A87	5,745,418		Macronix International Co., Ltd.	04/28/1998	
JTW	A88	5,734,567		Siemens Aktiengesellschaft	03/31/1998	
JTW	A89	5,723,990		Micron Quantum Devices, Inc.	03/03/1998	

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Group Art Unit	2851
Examiner Name	Unknown
Attorney Docket Number	38979-71US

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JTW	A90	5,648,929		Mitsubishi Electric Semiconductor Software Co., Ltd, Mitsubishi Denki Kabushiki Kaisha	07/15/1997	
JTW	A91	5,611,067		Kabushiki Kaisha Toshiba	03/11/1997	
JTW	A92	5,603,001		Kabushiki Kaisha Toshiba	02/11/1997	
JTW	A93	5,602,987		SanDisk Corporation	02/11/1997	
JTW	A94	5,598,370		International Business Machines Corporation	01/28/1997	
JTW	A95	5,592,415		Hitachi, Ltd.	01/07/1997	
JTW	A96	5,581,723		Intel Corporation	12/03/1996	
JTW	A97	5,579,502		Kabushiki Kaisha Toshiba	11/26/1996	
JTW	A98	5,572,466		Kabushiki Kaisha Toshiba	11/05/1996	
JTW	A99	5,552,698		United Microelectronics Corp.	09/03/1996	
JTW	A100	5,544,356		Intel Corporation	08/06/1996	
JTW	A101	5,541,551		Advanced Micro Devices, Inc.	07/30/1996	
JTW	A102	5,530,938		Seiko Instruments Inc.	06/25/1996	
JTW	A103	5,530,828		Hitachi, Ltd.	06/25/1996	
JTW	A104	5,530,673		Hitachi Ltd., Hitachi Keiyo Engineering Co., Ltd, Hitachi ULSI Engineering Corp.	06/25/1996	
JTW	A105	5,524,230		International Business Machines Incorporated	06/04/1996	
JTW	A106	5,523,980		Kabushiki Kaisha Toshiba	06/04/1996	
JTW	A107	5,519,847		Intel Corporation	05/21/1996	
JTW	A108	5,515,333		Hitachi, Ltd.	05/07/1996	
JTW	A109	5,513,138		Ricoh Co., Ltd.	04/30/1996	
JTW	A110	5,490,117		Seiko Epson Corporation	02/06/1996	
JTW	A111	5,479,638		Cirrus Logic, Inc.	12/26/1995	
JTW	A112	5,473,765		3COM Corporation	12/05/1995	
JTW	A113	5,465,338		Conner Peripherals, Inc.	11/07/1995	
JTW	A114	5,465,235		Kabushiki Kaisha Toshiba	11/07/1995	
JTW	A115	5,431,330		Emitec Gesellschaft fuer Emissionstechnologie mbH	07/11/1995	
JTW	A116	5,430,682		NEC Corporation	07/04/1995	
JTW	A117	5,422,856		Hitachi, Ltd.	06/06/1995	
JTW	A118	5,418,752		Sundisk Corporation	05/23/1995	
JTW	A119	5,406,527		Kabushiki Kaisha Toshiba	04/11/1995	
JTW	A120	5,404,485		M-Systems Flash Disk Pioneers Ltd.	04/04/1995	
JTW	A121	5,388,083		Cirrus Logic, Inc.	02/07/1995	
JTW	A122	5,384,743		SGS-Thompson Microelectronics, S.A.	01/24/1995	
JTW	A123	5,382,839		Mitsubishi Denki Kabushiki Kaisha	01/17/1995	
JTW	A124	5,381,539		EMC Corporation	01/10/1995	
JTW	A125	5,371,702		Kabushiki Kaisha Toshiba	12/06/1994	
JTW	A126	5,365,127		Hewlett-Packard Company	11/15/1994	
JTW	A126B	5,359,569		Hitachi Ltd.	10/25/1994	
JTW	A127	5,341,341		NEC Corporation	08/23/1994	
JTW	A128	5,341,339		Intel Corporation	08/23/1994	
JTW	A129	5,341,330		Intel Corporation	08/23/1994	
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Sheet	4	of	6		
JTW	A131	5,315,558		VLSI Technology, Inc.	05/24/1994
JTW	A132	5,305,278		Mitsubishi Denki Kabushiki Kaisha	04/19/1994
JTW	A133	5,305,276		Rohm Co. Ltd.	04/19/1994
JTW	A134	5,303,198		Fuji Photo Film Co., Ltd.	04/12/1994
JTW	A135	5,267,218		Intel Corporation	11/30/1993
JTW	A136	5,253,351		Hitachi, Ltd., Microcomputer Engineering Ltd.	10/12/1993
JTW	A137	5,227,714		Brooktree Corporation	07/13/1993
JTW	A138	5,220,518		VLSI Technology, Inc.	06/15/1993
JTW	A139	5,218,695		Epoch Systems, Inc.	06/08/1993
JTW	A140	5,093,785		Kabushiki Kaisha Toshiba	03/03/1992
JTW	A140A	4,970,727		Mitsubishi Denki Kabushiki Kaisha	11/13/1990
JTW	A140B	4,970,642		Hudson Soft Co. Ltd.	11/13/1990
JTW	A141	4,943,745		Kabushiki Kaisha Toshiba	07/24/1990
JTW	A142	4,843,224		Oki Electric Industry Co., Ltd.	06/27/1989
JTW	A143	4,829,169		Toppa Moore Company, Inc.	05/09/1989
JTW	A144	4,797,543		501 Toppa Moore Company, Ltd.	01/10/1989
JTW	A145	4,788,665		Hitachi Ltd.	11/29/1988
JTW	A146	4,780,855		NEC Corporation	10/25/1988
JTW	A147	4,609,833		Thomson Components-Mostek Corporation	09/02/1986
JTW	A148	4,532,590		Data General Corporation	07/30/1985
JTW	A149	4,476,526		Storage Technology Corporation	10/09/1984
JTW	A150	4,473,878		Motorola, Inc.	09/25/1984
JTW	A151	4,468,730		Storage Technology Corporation	08/28/1984
JTW	A152	4,414,627		Nippon Electric Co., Ltd.	11/08/1983
JTW	A153	4,398,248		McDonnell Douglas Corporation	08/09/1983
JTW	A154	4,309,627		Kabushiki Kaisha Daini Seikosha	01/05/1982
JTW	A155	4,130,900		Tokyo Shibaura Electric Co., Ltd.	12/19/1978
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Count y Code ³	Number ⁴	Kind Code ⁵ (if known)				
JTW	B1		0.663.636	A1	Sun Microsystems, Inc.	07/19/1995		
JTW	B2		0 619 541	A2	Hitachi, Ltd., Hitachi Keiyo Engineering Co., Ltd., Hitachi ULSI Engineering Corp.	10/12/1994		
JTW	B3		0 617 363	A2	Sundisk Corporation	09/28/1994		
JTW	B4		0.613.151	A2	Kabushiki Kaisha Toshiba	08/31/1994		
JTW	B5		0 522 780	A2	International Business Machines Corporation	01/13/1993		
JTW	B6		0 522 780	B1	International Business Machines Corporation	01/13/1993		
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Sheet 5 of 6

JTW	B8	2,304,428		Mitsubishi Denki Kabushiki Kaisha	03/19/1997	
JTW	B9	2,291,990		Memory Corporation	02/07/1996	
JTW	B10	2,251,323		Intel Corporation	07/01/1992	
JTW	B11	9,147,581		Hitachi Co., Ltd., Hitachi VLSI Engineering Corp.	06/06/1997	
JTW	B12	59,924,83			05/28/1984	
JTW	B13	8,696,96		Toshiba Corp.	03/12/1996	
JTW	B14	8,180,18		Toshiba Corp.	04/19/1996	
JTW	B15	7,934,99		Hitachi Co., Ltd., Hitachi VLSI Engineering Corp., Hitachi-Tobu Semiconductor Co., Ltd.	04/07/1995	
JTW	B16	7,848,71			03/31/1995	
JTW	B17	7,334,996			12/22/1995	
JTW	B18	7,311,708		Fuji Film Micro Device K.K., Fuji Photo Film Co., Ltd.	11/28/1995	
JTW	B19	7,235,193			09/05/1995	
JTW	B20	7,141,258			06/02/1995	
JTW	B21	7,144,499			05/02/1995	
JTW	B22	6,439,9			01/14/1994	
JTW	B23	6,365,78		Sony Kabushiki Kaisha	02/10/1994	
JTW	B24	6,266,596		Hitachi Ltd.	09/22/1994	
JTW	B25	6,149,395		NEC	05/27/1994	
JTW	B26	6,132,747		Fujitsu Ltd., Fujitsu VLSI Ltd.	05/13/1994	
JTW	B27	6,131,889		Toshiba Corporation	05/13/1994	
JTW	B28	6,124,231		Toshiba Corporation	05/06/1994	
JTW	B29	6,124,475		Sharp Corp.	05/06/1994	
JTW	B30	5,282,883		Toshiba Corp.	10/29/1993	
JTW	B31	5,128,877		Mitsubishi Electric Corp.	05/25/1993	
JTW	B32	4,572,95		NEC Corporation	02/25/1992	
JTW	B33	4,278,297		Toshiba Corp.	10/02/1992	
JTW	B34	4,268,284		Fuji Photo Film Co., Ltd.	09/24/1992	
JTW	B35	4,254,994		Toshiba Corp.	09/10/1992	
JTW	B36	RM 37,687			02/21/1996	
JTW	B37	3,228,377		Toshiba Corp.	10/09/1981	
JTW	B38	1,138,694		Nippon Denki Kabushiki Kaisha	05/31/1989	
JTW	B39	WO 94/20906		M-Systems Ltd.	09/15/1994	
JTW	B40	SU 1686449	A2	N.G. Parkhomenko, S.B. Kozelkov, V.Yu. Lozbenov and S.S. Karpenko	10/23/1991	
JTW	B41	SU 1573458	A2	N.G. Parkhomenko, V. Yu. Lozbenov, V.G. Chernyaev and S.B. Kozelkov	06/23/1990	
JTW	B42	SU 1541619	A1	K.G. Semenov, N.M. Sidorov, A.I. Zhdanov, G.V. Kukhar and V.I. Potapenko	02/07/1990	
JTW	B43	SU 1515164	A1	I.V. Dementiev and A.S. Papkov	10/15/1989	
JTW	B44	SU 1408439	A1	V.V. Merkul, I.Yu. Manukin and M.N. Gurevich	07/07/1988	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
JTW	C1	MENDEL ROSENBLUM and JOHN K. OUSTERHOUT, The Design and Implementation of a Log-Structured File System, article, 1991, 15 pgs., Berkeley, USA	2
JTW	C2	BRIAN DIPERT and MARKUS LEVY, Designing with Flash Memory, book, April 1994, 445 pgs., Annabooks, San Diego, USA	

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Sheet	6	of	6
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JFW	C3	SCIENCE-FORUM, INC., Flash Memory Symposium '95, symposium, 1995, 13 pgs., Hongo, Bunkyo-ku, Tokyo
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Examiner Signature	Date Considered
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Jason T. Wilkerson

Date Considered

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